



APPROVED:

5' MAX. CENTER TO CENTER

----36" MIN. LENGTH FENCE POST, DRIVEN A MIN. OF 16" INTO GROUND

8" MIN. DEPTH IN GROUND

36" MIN. FENCE POST LENGTH

118/18/18/18/18/18/18

SILT FENCE DESIGN CONSTRAINTS

1. FENCE POSTS SHALL BE A MIN. OF 36" LONG DRIVEN 16" MIN. INTO THE GROUND. WOOD POSTS SHALL BE $1^{1}{}_{2}$ " X $1^{1}{}_{2}$ " SQUARE (MIN.) CUT, OR $1^{3}{}_{4}$ " DIAMETER (MIN.) ROUND AND SHALL BE OF SOUND QUALITY HARDWOOD. STEEL POSTS WILL BE STANDARD T OR U SECTION WEIGHING NOT LESS THAN 1.0 POUND PER LINEAR FOOT.

2. GEOTEXTILE SHALL BE FASTENED SECURELY TO EACH FENCE POST WITH WIRE TIES OR STAPLES AT TOP AND MID-SECTION AND SHALL MEET THE FOLLOWING REQUIREMENTS FOR GEOTEXTILE CLASS F.

TENSILE STRENGTH 50 LBS./IN. (MIN.) TEST: ASTM D-4595
TENSILE MODULUS 20 LBS./IN. (MIN.) TEST: ASTM D-4595
FLOW RATE 0.3 GAL./SQ. FT./MINUTE (MAX.) TEST: ASTM D-5141
FILTERING EFFICIENCY 75% (MIN.)

3. WHERE ENDS OF GEOTEXTILE FABRIC COME TOGETHER, THEY SHALL BE OVERLAPPED, FOLDED AND STAPLED TO PREVENT SEDIMENT BYPASS.

4. SILT FENCE SHALL BE INSPECTED AFTER EACH RAINFALL EVENT AND MAINTAINED WHEN BULGES OCCUR OR WHEN SEDIMENT ACCUMLATION REACHES 30% OF THE FABRIC HEIGHT.

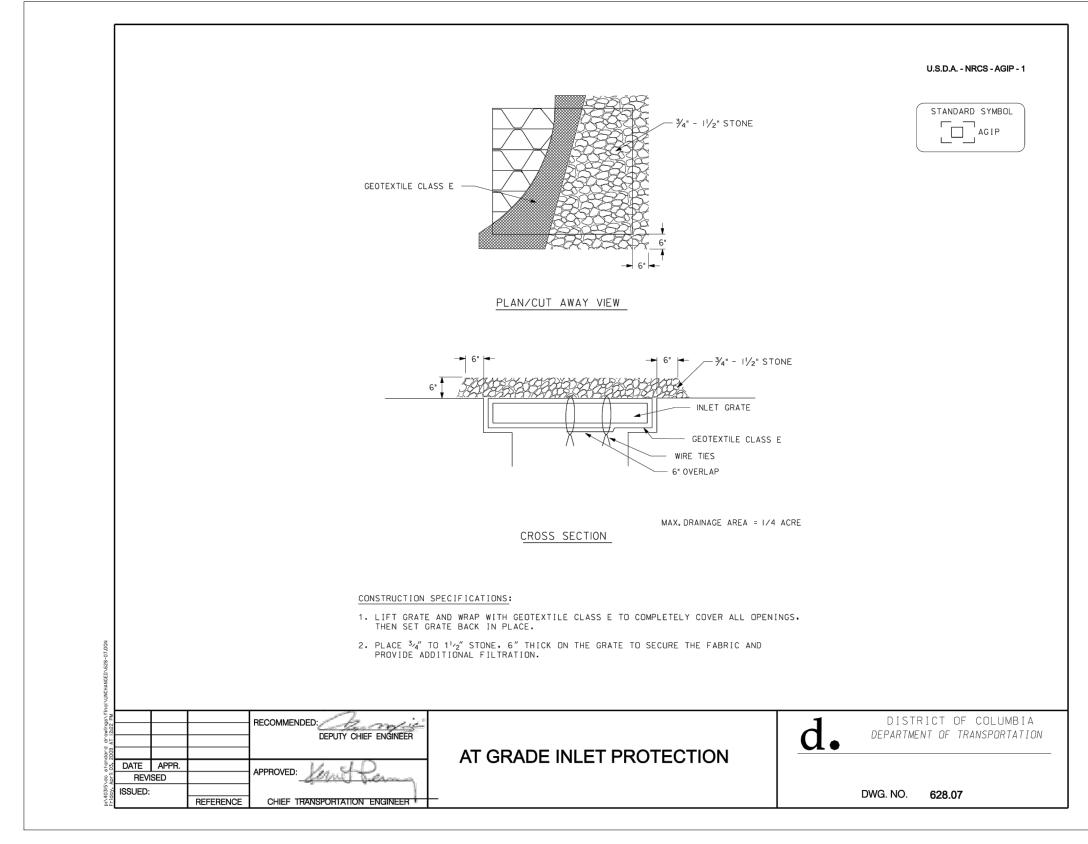
FLATTER THAN 50:1 (2%) >50:1 TO 10:1 (2-10%) >10:1 TO 5:1 (10-20%) >5:1 TO 3:1 (20-33%) >3:1 TO 2:1 (33-50%) >2:1 (>50%)

CONSTRUCTION SPECIFICATIONS:

SILT FENCE

EMBED GEOTEXTILE CLASS F





03 AT GRADE INLET PROTECTION SCALE: N.T.S.

DEDUCT ALTERNATES (ALT.)

and 02/E1.4.

DEDUCT ALT. #1 - PERFORATED METAL SCREEN WALLS

BASE: Perforated metal screen with accent lighting as shown on these drawings.

DEDUCT: Delete perforated metal screen and supporting structure as shown on Drawing(s) 05/A2.1 and 03/A2.2, delete accent lighting as shown on Drawing(s) 01/A2.4, 02/A2.4, 11/A5.2

DEDUCT ALT. #2 - ELEVATOR LOBBY UPGRADES

BASE: Elevator finishes as shown on the drawings.

DEDUCT: Delete exposed aggregate finish on concrete floor as shown in Drawing(s) 01/A3.1, 01/A3.2, 04/A5.2 and 05/A5.2 and substitute smooth trowel finish, delete suspended metal ceilings as shown on Drawing(s) A4.1 and A4.2, provide substitute light fixtures as shown on fixture schedule E0.0 and Drawing(s) A4.1 and A4.2

DEDUCT ALT. #3 - SITE IMPROVEMENTS

BASE: All site work shown on the drawings.

DEDUCT: Provide only site work shown on the Drawing(s)
01/CS3.1 and CS3.2.

DEDUCT ALT. #4 - LANDSCAPE AND SITE FURNISHINGS
BASE: All landscape work and site furnishings shown on the drawings.
DEDUCT: Provide only the landscape work and site furnishings

DEDUCT ALT. #5 - AUTOMATIC DOOR OPENING DEVICES

BASE: All automatic door opening devices shown on the drawings and hardware schedule.

DEDUCT: Provide manual door closer as specified in Spec Section(s) 087100. Delete electrical feeds shown on Drawing(s) 01/E2.1, 01/E2.4 and 02/E2.4.

shown on Drawing(s) 01/LP7.0 and LP7.1.

DEDUCT ALT. #6 - CARD READERS

BASE: All card readers shown on the drawings and hardware schedule.

DEDUCT: Provide manual door locks/latches as specified in Spec Section(s) 087100. Delete electrical feeds shown on

Drawing(s) 02/E2.2, 01/E2.4 and 02/E3.2.

DEDUCT ALT. #7 - BARRIER CABLE SYSTEM

BASE: Barrier cable system as shown on the drawings.

DEDUCT: Delete barrier cables at exterior openings as shown.

DEDUCT ALT. #8 - CRASH BARRIER, BOLLARDS AND

SECURITY GATES

BASE: All crash barriers, bollards, and security gates shown on the drawings.

DEDUCT: Delete all crash barriers, bollards, and security gates shown on Drawing(s) 01/CS3.0, 04/LP7.1 and 05/LP7.1.

DEDUCT ALT. #9 - SITE FENCING

BASE: All site fencing shown on these drawings.

DEDUCT: Delete all site fencing shown on Drawing(s) 01/CS3.0

and 08/LP7.1

DEDUCT ALT. #10 - INTERIOR GARAGE BARRIER FENCING

BASE: All cable type barrier fencing shown on the drawings.

DEDUCT: Provide chain link barrier fencing shown on Drawing(s)

S2.1 and 06/S3.3.

DEDUCT ALT. #11 - SECURITY CAMERAS

BASE: Security cameras shown on the drawings.

DEDUCT: Delete security cameras and appurtenances (conduit, junction boxes, and power) shown on Drawing(s) E3.3, E3.4 and 02/E3.5.

DEDUCT ALT. #12 - LED LIGHTING

BASE: LED lighting as shown on the drawings.

DEDUCT: Provide substitute light fixtures as shown on fixture schedule E0.0 and as shown on Drawing(s) E1.4, E1.5 and E1.6.

DEDUCT ALT. #13- SECURITY BOOTH

BASE: Security booth as shown on the drawings.

DEDUCT: Delete security booth and appurtenances shown on Drawing(s) A4.3, 02/E1.4, 03/E2.2 and 01/E2.3.

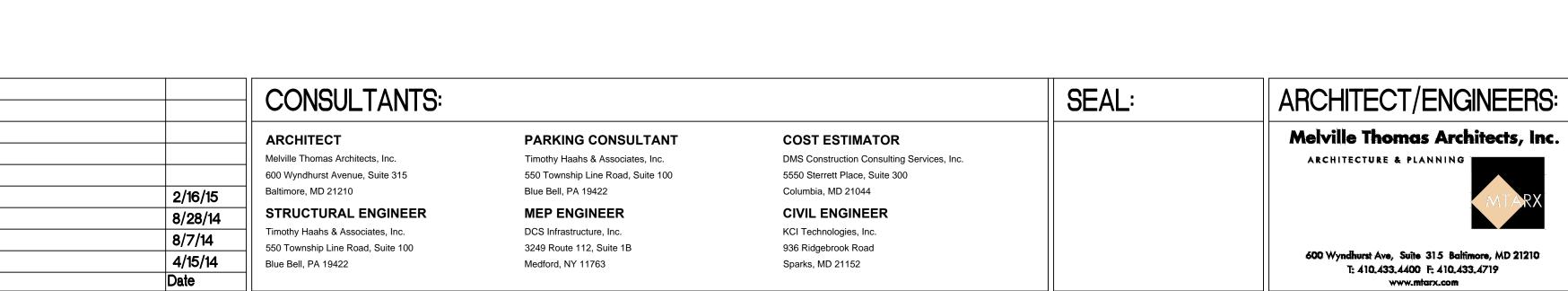
DEDUCT ALT. #14 - PARKING TIERS

BASE: 2-1/2 new tiers as shown on the drawings.

DEDUCT: Delete 1/2 tier connecting ramp as shown on

Drawing(s) 02/A1.2, 02/A1.6, A2.1, A2.2, 01/S1.5, 02/M1.3,

02/P1.3, 03/FP1.3, 02/E1.6, 02/E2.4 and 02/E3.4.



3 4 5

100% Submission

95% Submission

65% Submission

35% Submission



| Drawing Title EROSION AND SEDIMENT CONTROL | |
|--|--|
| DETAILS | |
| | |
| Approved: Project Director | |
| | |

6 7

U.S.D.A - NRCS - SF - 1

STANDARD SYMBOL

├SF **─** SF **─**

DISTRICT OF COLUMBIA

DEPARTMENT OF TRANSPORTATION

20" MIN. ABOVE GROUND

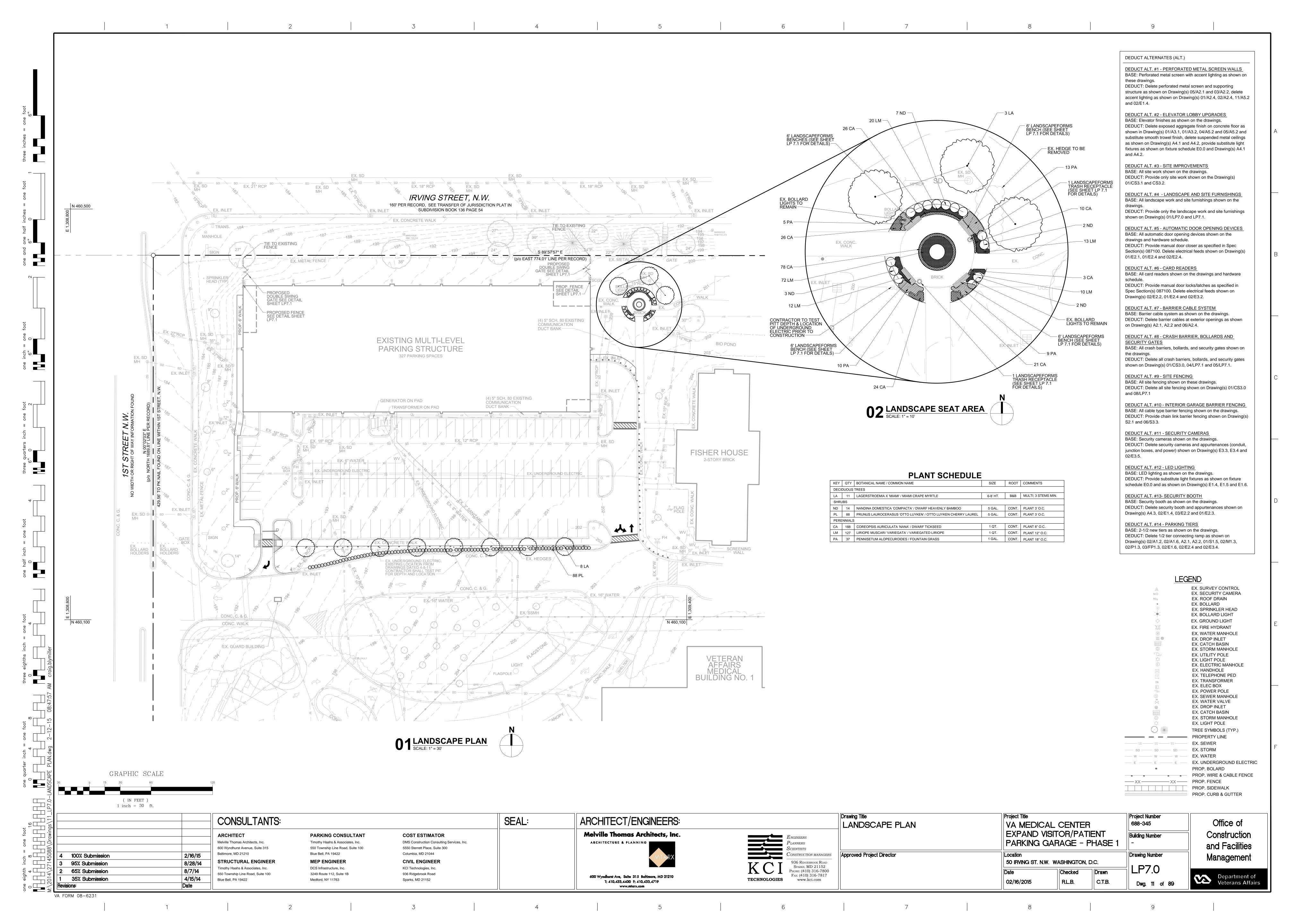
MIN. OF 16" INTO THE GROUND

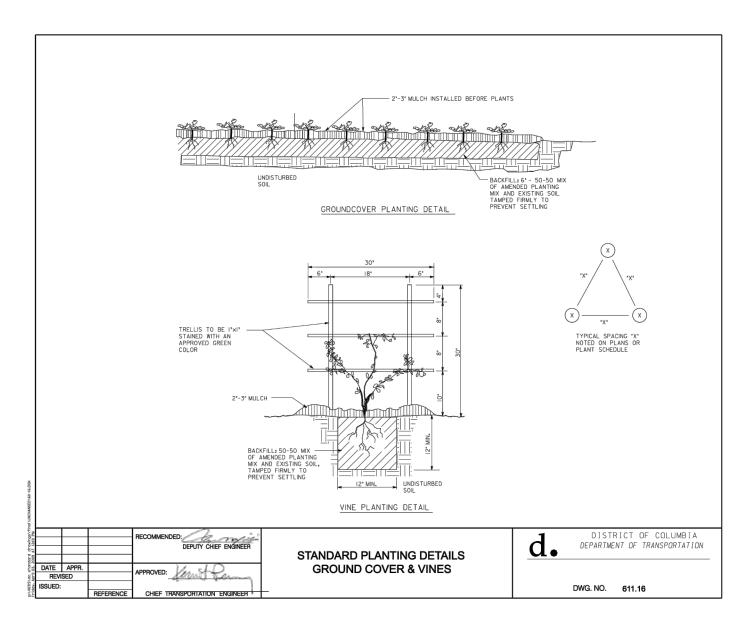
| Project Title | Project Number | | |
|--------------------|------------------------|-------|----------------|
| VA MEDICAL | 688-345 | | |
| EXPAND VISI | Building Number | | |
| PARKING GA | | | |
| Location | | | Drawing Number |
| 50 IRVING ST. N.W. | | | |
| Date | Checked | Drawn | G6.2 |

Office of
Construction
and Facilities
Management

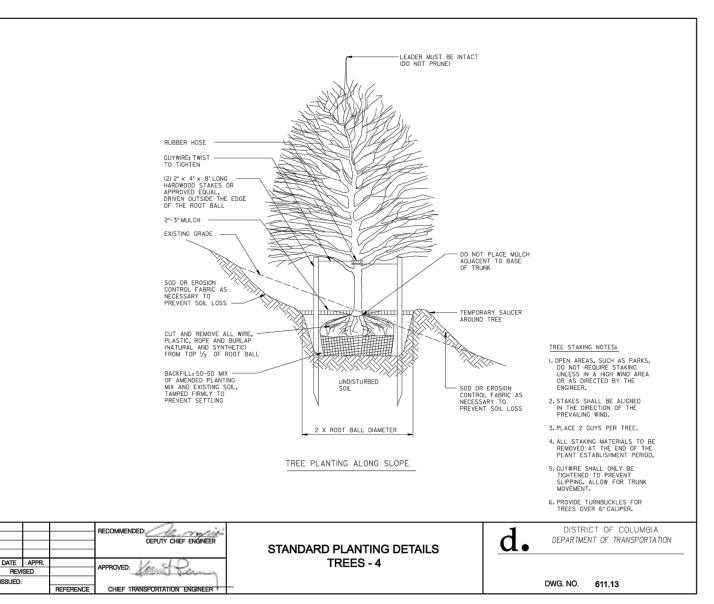
Dwg. 10 of 89

Department of Veterans Affairs





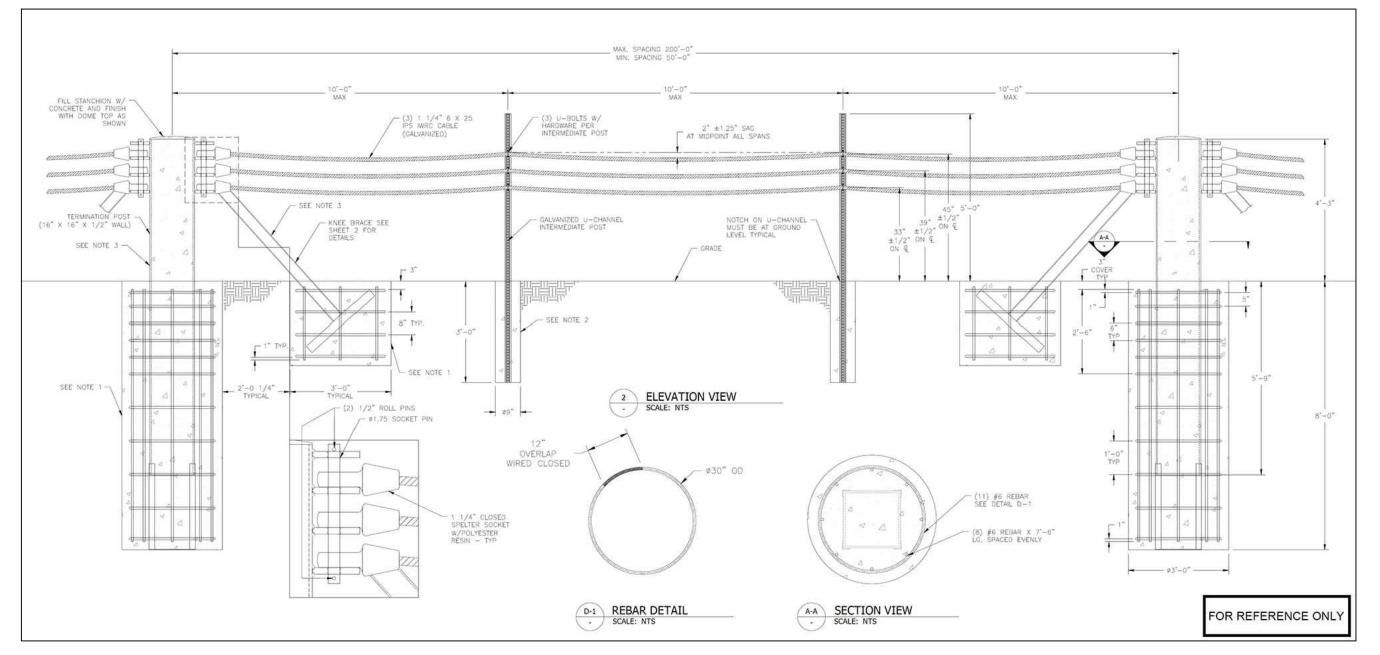
FOR SHRUBS 2' TO 4' IN HEIGHT FOR SHRUBS 4' IN HEIGHT AND OVER FOR SHRUBS UNDER 2' IN HEIGHT DEPARTMENT OF TRANSPORTATION STANDARD PLANTING DETAILS APPROVED: DWG. NO. 611.15



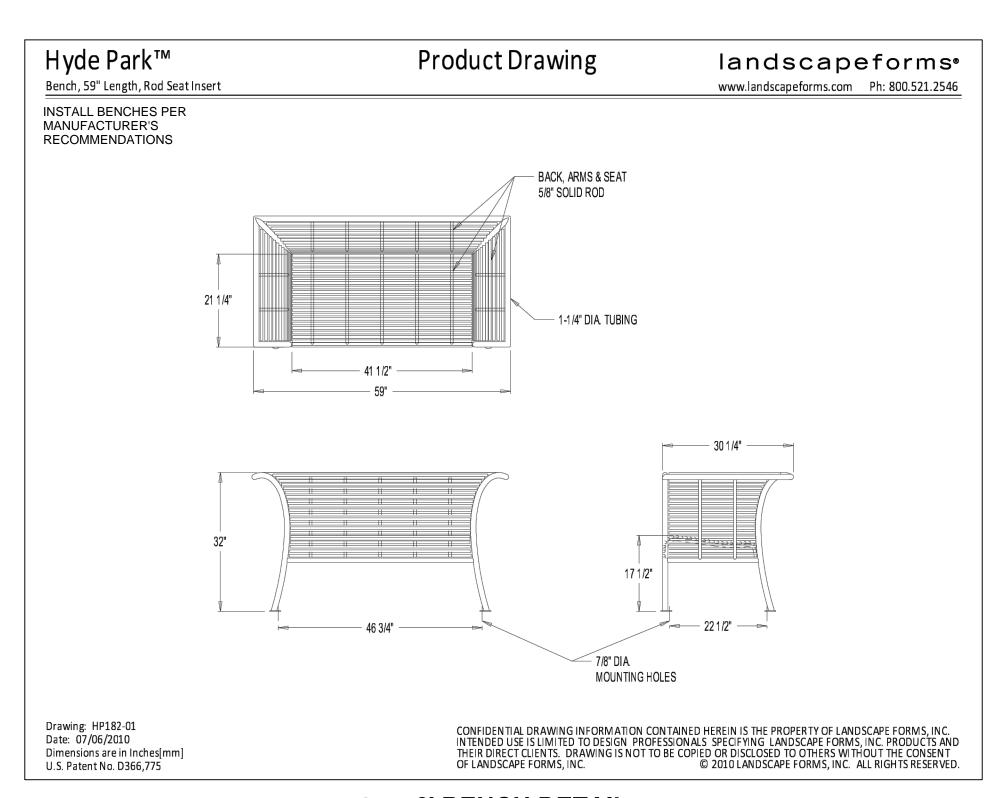
01 GROUND COVER & VINES DETAIL
SCALE: N.T.S

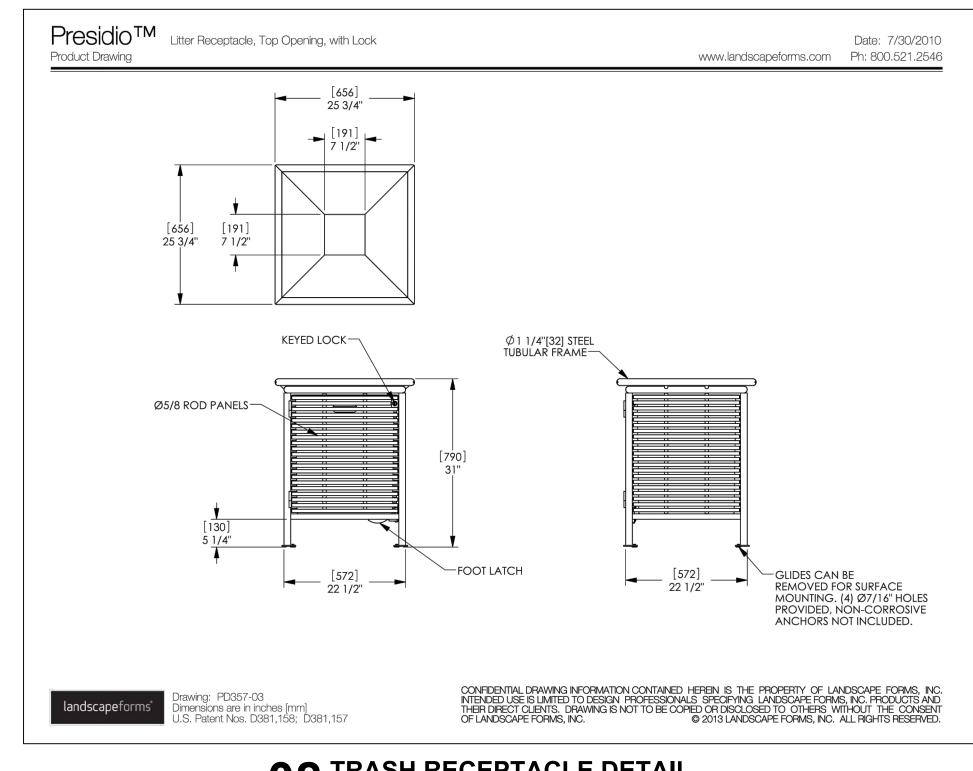
02 SHRUB DETAIL SCALE: N.T.S

03 TREES-4 DETAIL
SCALE: N.T.S



04 BOLLARD AND CABLE DETAIL - PARKING LOT INSTALLATION SCALE: N.T.S





07 6' BENCH DETAIL SCALE: N.T.S

08 TRASH RECEPTACLE DETAIL
SCALE: N.T.S

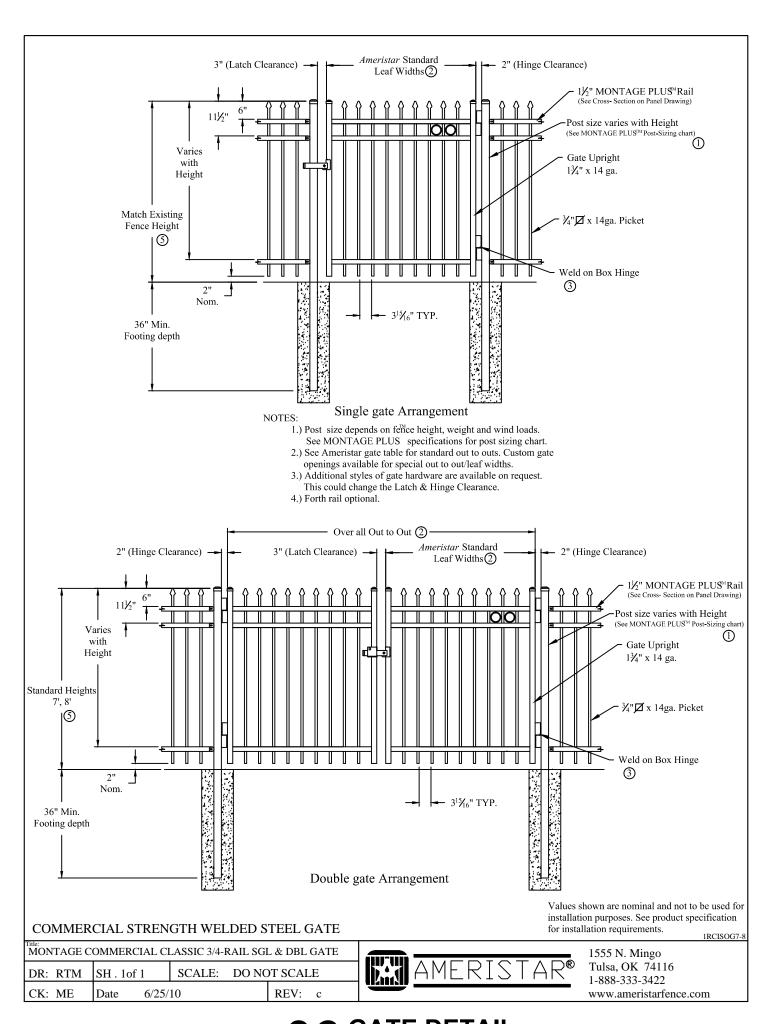
3 4 5

| | | CONSULTANTS: | | | SEAL: | ARCHITECT/ENGINEERS: | | Drawing Title LANDSCAPE NOTES AND DETAILS | Project Title VA MEDICAL | CENTER | Project Number 688-345 | Office of Construction and Facilities | |
|--|---------------------------|--|---|---|---|--|---|--|--|-----------------------------|---------------------------|---------------------------------------|--|
| | | | ARCHITECT Melville Thomas Architects, Inc. Molvyldurst Avenue, Suite 315 PARKING CONSULTANT COST ESTIMATOR DMS Construction Consulting Services, Inc. 550 Township Line Road, Suite 100 5550 Sterrett Place, Suite 300 | | Melville Thomas Architects, Inc. ARCHITECTURE & PLANNING | ENGINEERS PLANNERS SCIENTISTS | | EXPAND VISITOR/PATIENT PARKING GARAGE - PHASE | | Building Number - | | | |
| 4 100% Submission 3 95% Submission | 2/16/15 8/28/14 | Baltimore, MD 21210 STRUCTURAL ENGINEER Timothy Haahs & Associates, Inc. | Blue Bell, PA 19422 MEP ENGINEER DOS Infractivistics Inc. | Columbia, MD 21044 CIVIL ENGINEER KOLTacharlagian, Inc. | | MTARX | CONSTRUCTION MANAGERS 936 RIDGEBROOK ROAD SPARKS, MD 21152 | Approved: Project Director | Location 50 IRVING ST. N.W. WASHINGTON, D.C. | | Drawing Number | Management | |
| 2 65% Submission 1 35% Submission Revisions: | 8/7/14 4/15/14 Date | 550 Township Line Road, Suite 100 Blue Bell, PA 19422 | DCS Infrastructure, Inc. 3249 Route 112, Suite 1B Medford, NY 11763 | KCI Technologies, Inc. 936 Ridgebrook Road Sparks, MD 21152 | | 600 Wyndhurst Ave, Suite 31.5 Baltimore, MD 21210 T: 410.433.4400 F: 410.433.4719 www.mtarx.com | PHONE: (410) 316-7800 FAX: (410) 316-7817 www.kci.com | | Date 02/16/2015 | Checked Drawn R.L.B. C.T.B. | LP7.1 Dwg. 12 of 89 | Department of Veterans Affairs | |

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Fence Height ➤ Bracket Options → 3¹5⁄₁₆" TYPICAL 36" Min. Footing Depth See MONTAGE PLUS[™] specifications for post 2.) Forth rail optional. 3.) 7' - 8' Heights will require a 14ga Picket & 14ga Post. RAKING DIRECTIONAL ARROW —— Welded panel can be raked 30" over 8' with arrow pointing down MONTAGE PLUS™ RAIL PROFUSION™WELDING PROCESS — No exposed welds, Good Neighbor profile - Same appearance on both sides MONTAGE PLUS™RAIL Specially formed high strength E-COAT COATING SYSTEM Zinc Phosphate Coating — Acrylic Topcoat — COMMERCIAL STRENGTH WELDED STEEL PANEL installation purposes. See product specification MERISTAR® Tulsa, OK 74116 DR: NJB SH . 1 of 1 SCALE: DO NOT SCALE 1-888-333-3422

05 FENCE DETAIL
SCALE: N.T.S



06 GATE DETAIL SCALE: N.T.S

DEDUCT ALTERNATES (ALT.)

and 02/E1.4.

DEDUCT ALT. #1 - PERFORATED METAL SCREEN WALLS BASE: Perforated metal screen with accent lighting as shown on DEDUCT: Delete perforated metal screen and supporting structure as shown on Drawing(s) 05/A2.1 and 03/A2.2, delete accent lighting as shown on Drawing(s) 01/A2.4, 02/A2.4, 11/A5.2

DEDUCT ALT. #2 - ELEVATOR LOBBY UPGRADES

BASE: Elevator finishes as shown on the drawings. DEDUCT: Delete exposed aggregate finish on concrete floor as shown in Drawing(s) 01/A3.1, 01/A3.2, 04/A5.2 and 05/A5.2 and substitute smooth trowel finish, delete suspended metal ceilings as shown on Drawing(s) A4.1 and A4.2, provide substitute light fixtures as shown on fixture schedule E0.0 and Drawing(s) A4.1

DEDUCT ALT. #3 - SITE IMPROVEMENTS BASE: All site work shown on the drawings.

shown on Drawing(s) 01/LP7.0 and LP7.1.

DEDUCT: Provide only site work shown on the Drawing(s) 01/CS3.1 and CS3.2.

DEDUCT ALT. #4 - LANDSCAPE AND SITE FURNISHINGS BASE: All landscape work and site furnishings shown on the DEDUCT: Provide only the landscape work and site furnishings

DEDUCT ALT. #5 - AUTOMATIC DOOR OPENING DEVICES BASE: All automatic door opening devices shown on the drawings and hardware schedule.

DEDUCT: Provide manual door closer as specified in Spec Section(s) 087100. Delete electrical feeds shown on Drawing(s) 01/E2.1, 01/E2.4 and 02/E2.4.

DEDUCT ALT. #6 - CARD READERS BASE: All card readers shown on the drawings and hardware

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BASE: Barrier cable system as shown on the drawings. DEDUCT: Delete barrier cables at exterior openings as shown on Drawing(s) A2.1, A2.2 and 06/A2.4.

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DEDUCT ALT. #11 - SECURITY CAMERAS BASE: Security cameras shown on the drawings.

DEDUCT: Delete security cameras and appurtenances (conduit, junction boxes, and power) shown on Drawing(s) E3.3, E3.4 and

DEDUCT ALT. #12 - LED LIGHTING BASE: LED lighting as shown on the drawings. DEDUCT: Provide substitute light fixtures as shown on fixture schedule E0.0 and as shown on Drawing(s) E1.4, E1.5 and E1.6.

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DEDUCT ALT. #14 - PARKING TIERS BASE: 2-1/2 new tiers as shown on the drawings. DEDUCT: Delete 1/2 tier connecting ramp as shown on Drawing(s) 02/A1.2, 02/A1.6, A2.1, A2.2, 01/S1.5, 02/M1.3, 02/P1.3, 03/FP1.3, 02/E1.6, 02/E2.4 and 02/E3.4.